

CLAIMS:

1. An electrical adapter for use in countries having
mains electrical pin/socket patterns that allow no
5 alternative plug-insertion orientations, comprising:
a base having electrical terminals and engagable
pivot connection features, and
a body having engager pivot connecting features for
co-operating with the engagable pivot connection features
10 of the base to secure the body rotatably to the base in
one of only two possible orientations - one of which 180
offset with respect to the other, the body having
electrical contacts configured to engage with the
terminals of the base when the body and base are so
15 secured.
2. An electrical adapter comprising:
a base having electrical terminals and engagable
bayonet connection features, and
20 a body having engager bayonet connecting features for
co-operating with the engagable bayonet connection
features of the base to secure the body rotatably to the
base, the body having electrical contacts configured to
engage with the terminals of the base when the body and
25 base are so secured.
3. An electrical adapter comprising:

a base having electrical terminals and engagable pivot connection features,

a body having engager pivot connecting features for co-operating with the engagable pivot connection features of the base to secure the body rotatably to the base, the body having electrical contacts configured to engage with the terminals of the base when the body and base are so secured, and

a locking device by which the body is automatically locked to the base when pivotally interconnected therewith, but that requires manual depression to unlock the body from the base.

4. The electrical adapter of any one of Claims 1 to 3 wherein the base has conducting pins extending from one side thereof for insertion into apertures of a mating socket and the electrical terminals are located on the other side of the base and correspond to each of the conducting pins and are connected electrically thereto.

5. The electrical adapter of any one of Claims 1 to 3 wherein the base has extending therefrom a power cord at a remote end of which there is a plug having conducting pins for insertion into apertures of a mating socket and wherein the electrical terminals are connected electrically to each of the conducting pins via individual conductors in the power cord.

6. The electrical connector of any one of Claims 1 to 3 wherein the engagable pivot mounting features of the base comprise a number of radially extending lugs having circumferentially extending ramp surfaces.

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7. The electrical connector of Claim 6 wherein the engager pivot mounting features of the body comprise openings through which the lugs must pass for interengagement of the base and the body to take place.

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8. The electrical connector of Claim 6 wherein said lugs are of differing size and said openings are of corresponding differing size to restrict allowable alignment orientations of the body and base when interconnected.

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9. The electrical connector of any one of Claims 1 to 3 wherein the base comprises an annular channel within which the terminals are located.

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10. The electrical connector of Claim 9 wherein the terminals are located within narrowed parts of the channel.

25 11. The electrical connector of any one of Claims 1 to 3 wherein the electrical contacts of the body are spring-biased toward the terminals.

12. The electrical connector of any one of Claims 1 to 3 wherein the body is integrated into an electrical appliance, double adapter, multiple plug board, transformer box or the like.

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13. The electrical connector of any one of Claims 1 to 3 wherein the electrical contacts of the body are connected to individual conductors of a power cord extending from the body.

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